L Number	Hits	Search Text	DB	Time stamp
2	0	("1 and (noise with speech)").PN.	USPAT; EPO; JPO	2002/10/18 12:59
3	0	("1 and (noise)").PN.	USPAT; EPO; JPO	2002/10/18 12:59
1	14	((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.	USPAT; EPO; JPO	2002/10/18 13:14
4	7	(((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and (noise with speech)	USPAT; EPO; JPO	2002/10/18 13:17
5	0	("6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707").PN.	USPAT; EPO; JPO	2002/10/18 13:15
6	8	(6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.	USPAT; EPO; JPO	2002/10/18 13:15
7	6	(((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)	USPAT; EPO; JPO	2002/10/18 14:58
8	16	(((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)	USPAT; EPO; JPO	2002/10/18 14:58
10	9	((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (noise with speech)	USPAT; EPO; JPO	2002/10/18 14:58
11	9	(((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (noise with speech)) and high$4	USPAT; EPO; JPO	2002/10/18 15:17
12	0	(((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (s/n adj ratio)	USPAT; EPO; JPO	2002/10/18 15:17
13	0	(((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (s?n adj ratio)	USPAT; EPO; JPO	2002/10/18 15:18

L Number	Hits	Search Text	DB	Time stamp
15	0	(((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and SN	USPAT; EPO; JPO	2002/10/18 15:19
14	1	(((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) or ((6,240,347 6,052,665 5,625,697 4,449,238 5,297,210 5,319,736 6,134,524 5,214,707).pn.)) and (signal adj noise adj ratio)	USPAT; EPO; JPO	2002/10/18 15:42
16	0	("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.	USPAT; EPO; JPO	2002/10/18 15:34
17	48	("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").pn.	USPAT; EPO; JPO	2002/10/18 15:34
18	9	(("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").pn.) and ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)	USPAT; EPO; JPO	2002/10/18 15:48
19	4	((("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").pn.) and ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)) and over$4	USPAT; EPO; JPO	2002/10/18 15:46

20	1859	aver$4 same ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)	USPAT; EPO; JPO	2002/10/18 15:52
21	12323	704/.ccls.	USPAT; EPO; JPO	2002/10/18 15:52
22	41	(aver$4 same ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)) and 704/.ccls.	USPAT; EPO; JPO	2002/10/18 15:58
23	8	((aver$4 same ((signal adj noise adj ratio) or sn adj ratio or s?n adj ratio)) and 704/.ccls.) and (aver$4 adj10 ratio)	USPAT; EPO; JPO	2002/10/18 15:59
-	37	(("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.) and 704/.ccls.	USPAT; EPO; JPO	2002/06/10 07:10
-	630	nec and speech.ti.	USPAT; EPO; JPO	2002/06/10 07:10
-	391	(detect$4 adj speech or speech adj detect$4) with noise	USPAT; EPO; JPO	2002/06/10 07:11
-	0	(((detect$4 adj speech or speech adj detect$4) with noise) and (("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.)) and snr	USPAT; EPO; JPO	2002/06/10 07:11
-	85	(voice or speech) adj (actuat$4 or activat$4) with vehicle	USPAT; EPO; JPO	2002/06/10 07:12
-	499	telephone adj conference	USPAT; EPO; JPO	2002/06/10 07:14
-	91	((telephone with conference) and 704/.ccls.) and (select$4 or determin$5)	USPAT; EPO; JPO	2002/06/10 07:14
-	676	multiple with microphones	USPAT; EPO; JPO	2002/06/10 07:14
-	18	(("4212600") or ("6062103") or ("3284589") or ("0472356") or ("4163496") or ("8328579") or ("1924879") or ("4097400") or ("6052477") or ("2025608") or ("4119400") or ("7056596") or ("2049173") or ("69101527") or ("5214707")).PN.	USPAT; EPO; JPO	2002/06/10 07:16

-	4	microphone and automobile and nolan.exa.	USPAT; EPO; JPO	2002/06/10 07:16
-	37	matsushita adj mitsugi	USPAT; EPO; JPO	2002/06/10 07:16
-	27	furukawa adj katsuo	USPAT; EPO; JPO	2002/06/10 07:16
-	1	furukawa adj katsuo and speech	USPAT; EPO; JPO	2002/06/10 07:16
-	6	((detect$4 adj speech or speech adj detect$4) with noise) and (("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.)	USPAT; EPO; JPO	2002/06/10 07:16
-	3	(("4535473" "4592085" "5765130" "6061651" "6061651" "4763278" "5832440" "5008941" "5479517" "5598505" "4388495" "4415767" "4624009" "4627091" "4783807" "4937869" "5007093" "5425127" "5522013" "5727124" "5732388" "5920839" "5949886" "6088670" "6266398" "6219645" "6219645" "5839109" "4570746" "4769845" "5692059" "5732143" "5812659" "5825897" "6061456" "6061456" "5579431" "5617508" "6029130" "5983186" "4481593" "5365574" "5933475" "6006180" "6134524" "4032710" "4292471" "4481384" "5208861" "5884257").dwku.) and snr	USPAT; EPO; JPO	2002/06/10 07:16
-	560	(((voice or speech) adj (actuat$4 or activat$4 or operat$4))) and vehicle	USPAT; EPO; JPO	2002/06/10 07:16
-	411	(voice or speech) adj (actuat$4 or activat$4) and vehicle	USPAT; EPO; JPO	2002/06/10 07:16
-	113	(((voice or speech) adj (actuat$4 or activat$4)) with control) and vehicle	USPAT; EPO; JPO	2002/06/10 07:16
-	8	(telephone adj conference) and 704/.ccls.	USPAT; EPO; JPO	2002/06/10 07:16
-	91	(telephone with conference) and 704/.ccls.	USPAT; EPO; JPO	2002/06/10 07:16
-	60	((telephone with conference) and 704/.ccls.) and (select$4 or determin$5) with (microphone or speaker or input)	USPAT; EPO; JPO	2002/06/10 07:16
-	409	(multiple with microphones) and (select$4 or determin$5) with (microphone or speaker or input)	USPAT; EPO; JPO	2002/06/10 07:17
-	92	((multiple with microphones) and (select$4 or determin$5) with (microphone or speaker or input)) and conference	USPAT; EPO; JPO	2002/06/10 07:17

-		9	(((multiple with microphones) and (select$4 or determin$5) with (microphone or speaker or input)) and conference) and speech adj level	USPAT; EPO; JPO	2002/06/10 07:17
-		9	((((multiple with microphones) and (select$4 or determin$5) with (microphone or speaker or input)) and conference) and speech adj level) and (time or duration or length)	USPAT; EPO; JPO	2002/06/10 07:17
-		0	(("US 5579431 A") or ("US 5625697 A") or ("US 5319736 A") or ("US 5297210 A") or ("US 4449238 A") or ("JP 3274097 A") or ("JP 2077799 A") or ("US 4627091 A") or ("US 6363156 B1") or ("US 6339706 B1") or ("US 6240347 B1") or ("US 6052665 A") or ("US 5561737 A")).PN.	USPAT; EPO; JPO	2002/06/10 07:18
-		11	(((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and (signal with noise or s/n or s adj n or ratio)	USPAT; EPO; JPO	2002/06/10 07:22
-		1738055	((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and (signal with noise or s/n or s adj n or ratio)) and aver$4 woth (voice or power or amplitude)	USPAT; EPO; JPO	2002/06/10 07:23
-		1	((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and (signal with noise or s/n or s adj n or ratio)) and aver$4 with (voice or power or amplitude)	USPAT; EPO; JPO	2002/06/10 07:23
-		3	((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and (signal with noise or s/n or s adj n or ratio)) and aver$4 with (voice or power or amplitude or strength)	USPAT; EPO; JPO	2002/06/10 07:31
-		3	(((((("5579431") or ("5625697") or ("5319736") or ("5297210") or ("4449238") or ("3274097") or ("2077799") or ("4627091") or ("6363156") or ("6339706") or ("6240347") or ("6052665") or ("5561737")).PN.) and (signal with noise or s/n or s adj n or ratio)) and aver$4 with (voice or power or amplitude or strength)) and (order or sort or first or most)	USPAT; EPO; JPO	2002/06/10 07:31